BUFFALO™

AirStation™

Wireless-A&G MIMO Performance*
Router & Access Point with High Gain Antenna

DUAL A&G 108 Mbps*

- Built-in Amplifier Improves Wireless Performance and Extends Range
- 108 Mbps* Super A and Super G High Speed Wireless Technology
- Ideal for High-Speed Media Streaming and Online Gaming over 802.11g or 802.11a Wireless Network
- Smart Router Automatically Detects and Sets up Cable or DSL Internet Connection
- Simple Web Browser Configuration
- External Switch to Instantly Change Between Wireless Router and Access Point
- Easy Setup With AirStation One-Touch Secure System™ (AOSS™)
- Automatic Channel Selection Determines Best Available Wireless Networking Channel
- Supports WPA-PSK (TKIP, AES) and 128/64-bit WEP Security
- Includes NAT/SPI Firewall and Intrusion Detector
- Built-in DHCP Server and 4-Port 10/100 Auto-Sensing Switch
- Optimised High-Speed Routing, up to 5 Times Faster than Standard Routers

AirStation™

WHR-HP-AG108

2-in-1: Dual Band Wireless Router and Access Point!

Buffalo Wireless-A&G Router and Access Point provides easy AOSS™ simultaneous connectivity to 802.11a and 802.11g high-speed wireless networks. Super A and Super G high-speed wireless technology uses channel bonding to double the available throughput. Built-in High Power signal amplifier extends wireless range of standard 802.11g networks by up to 70% and improves overall performance by up to 50%. This Smart Router automatically detects and configures your Cable or DSL internet connection. Security features include WPA, WEP, Privacy Separator, Intrusion Detector, and SPI firewall. The combination of highspeed connections on both 5 GHz and 2.4 GHz bands prevents interference and allows you to stream music, video, and photos on the 802.11a network while enjoying wireless gaming on the 802.11g network simultaneously!

AOSS™ – One Click. One Touch. Done.

(1) Click on the AOSS icon in the Client Manager screen.

(2) Press the AOSS button on the router.

Done! A secure wireless connection is automatically established between the router and the card.

Connect to separate 802.11a and 802.11g/b High-Speed Wireless Networks Simultaneously!

HIGH POWER | 108 Mbps* | SECURITY WPA TKIP AES | 5GHz 802.11a | 2.4GHz 802.11 G/B | AOSS | SMART ROUTER CABLE/DSL | AUTO CHANNEL SELECTION

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Technical Specifications

Wireless LAN Interface

Standard Compliance	IEEE802.11a/IEEE802.11b/IEEE802.11g
Frequency Range	802.11a: 5.180 - 5.320 GHz (Channels 36, 40, 44, 48) 802.11g/b: 2.412 - 2.472 GHz (Channels 1-11)
Access Method	Infrastructure mode
Communication Protocol	OFDM / DSSS / CCK
Antenna Total Gain	2.4 GHz: 5.5 dBi (max); 5 GHz: 7.5 dBi (max.)
Security	WPA-PSK (AES, TKIP), 128/64-bit WEP, Wireless Output Setting, MAC Address Registration

Wired LAN Interface

Standards Compliance	IEEE802.3u (100 Base-TX) IEEE802.3 (10 Base-T)
Transmission Rate	10/100 Mbps
Transmission Encoding	100 BASE-TX 4B5B/MLT-3
Method	10 Base-T Manchester Coding
Access Method	CSMA/CD
LAN Port	10/100 Mbps, Auto Sensing, Auto MDIX
Number of LAN Ports	4
WAN Port	10/100 Mbps, Auto Sensing, Auto MDIX
	Packet Filtering, Intrusion Detector, NAT/SPI Firewall

Other

Power Supply	100-240V AC Universal, 50/60 Hz
Power Consumption	8 W (Max)
Dimensions	28 x 130 x 144 mm
Weight	270 g
Operating Environment	0-40°C, 10-85% (non-condensing)
OS Support	Windows® 2000, Windows® XP, Windows® Me, Windows® 98SE

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Package Contents

Turbo A&G Router, Quick Setup Guides, Ethernet Cable, Base Stand, Setup CD-ROM, Power Supply
Warranty Statement

Related Products

2 YEAR WARRANTY

Buffalo Technology (UK), Ltd. is a leading global provider of affordable, easy-to-use, next-generation wired and wireless network solutions for the consumer, SOHO and SMB markets. Buffalo offers home users a full suite of wireless home networking solutions such as its award-winning line of AirStation 54g products; its 125* High-Speed Mode™ 802.11g products; and its versatile line of 802.11a/b/g combo products. Buffalo completes its offerings with additional world-class networking solutions that include memory, storage and multimedia products – perfectly suited for any wireless environment.

* 108 Mbps is the maximum wireless signal rate derived from utilising channel bonding technology when used with supported devices. Actual data throughput and range will vary depending upon network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead.

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